

COMPACT multiframe structure examples

In the figures, the 52-multiframe number (MFN) shall have a range of 0 to 3 and can be calculated from the TDMA frame number (FN) as follows:

$$MFN = (FN \text{ div } 52) \bmod 4$$

For COMPACT, timeslot mapping and rotation of the control channels is used such that control channels belonging to a serving time group are rotated over odd timeslot numbers as follows: 7, 5, 3, 1, 7, 5, The rotation occurs between frame numbers (FN) mod 52 = 3 and 4. The timeslot mapping and rotation of the control channels in this manner allows the mobile station to measure the received signal level from surrounding cells in its normal measurement window. Since the rotation repeats itself every 208 frames, the 52-multiframe number (MFN) allows the mobile station to determine its location in the time group rotation during selection and re-selection.

The following relates to Figures D.1 through D.7:

- i) $B(x)^y$ = time group y uses CPBCCCH in block x.
- ii) $C(x)^y$ = time group y uses CPCCCH in block x.
- iii) PTCCH = PTCCH as normal
- iv) $CFCCH^y$ = time group y uses CFCCH.
- v) $CSCH^y$ = time group y uses CSCH.
- vi) IDLE = idle burst.
- vii) X^y = block designated as idle for time group y.
- viii) Empty = used for traffic as normal.

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Frames 0-51 of a 208-multiframe							
MFN = 0							
TG = 0							
TS	0	1	2	3	4	5	6
FN	0	1	2	3	4	5	6
0	B(0) ⁰	X ¹	X ²	X ³	X ⁴		
1	B(0) ⁰	X ¹	X ²	X ³	X ⁴		
2	B(0) ⁰	X ¹	X ²	X ³	X ⁴		
3	B(0) ⁰	X ¹	X ²	X ³	X ⁴		
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Frames 0-51 of a 208-multiframe							
MFN = 0							
TG = 1							
TS	0	1	2	3	4	5	6
FN	0	1	2	3	4	5	6
0	X ⁰	B(0) ¹	X ²	X ³	X ⁴		
1	X ⁰	B(0) ¹	X ²	X ³	X ⁴		
2	X ⁰	B(0) ¹	X ²	X ³	X ⁴		
3	X ⁰	B(0) ¹	X ²	X ³	X ⁴		
4							
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6							
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Frames 0-51 of a 208-multiframe							
MFN = 0							
TG = 2							
TS	0	1	2	3	4	5	6
FN	0	1	2	3	4	5	6
0	X ⁰	X ¹	B(0) ²	X ³	X ⁴		
1	X ⁰	X ¹	B(0) ²	X ³	X ⁴		
2	X ⁰	X ¹	B(0) ²	X ³	X ⁴		
3	X ⁰	X ¹	B(0) ²	X ³	X ⁴		
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Frames 0-51 of a 208-multiframe							
MFN = 0							
TG = 3							
TS	0	1	2	3	4	5	6
FN	0	1	2	3	4	5	6
0	X ⁰	X ¹	X ²	B(0) ³	X ⁴		
1	X ⁰	X ¹	X ²	B(0) ³	X ⁴		
2	X ⁰	X ¹	X ²	B(0) ³	X ⁴		
3	X ⁰	X ¹	X ²	B(0) ³	X ⁴		
4							
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6							
7							
8							
9							
10							
11							
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Figure D.1: COMPACT downlink 52-multiframe structure using 4 time groups for nominal cells (based on an assignment of 1 CPBCH and 3 CPCCCHs with NIB_CPBCH_0 = NIB_CCCH_1 = NIB_CCCH_2 = NIB_CCCH_3 = 4). NIB_CCCH is not broadcast for serving cell time group.

NOTE: For uplink 52-multiframe structure (based on an assignment of 16 prioritized CPRACHs, see subclause 6.3.2.2.3a), replace B() by R() where R() denotes CPRACH, move down one block, and rotate according to subclause 6.3.2.1. Replace C() by R() and move down one block. CPRACH in general can be mapped as PRACH in clause 7 Table 6.

Frames 0-51 of a 208-multiframe							
MFN = 0							
TG = 0							
TS	0	1	2	3	4	5	6
FN	0	1	2	3	4	5	6
0	B(0) ⁰	X ¹	X ²				
1	B(0) ⁰	X ¹	X ²				
2	B(0) ⁰	X ¹	X ²				
3	B(0) ⁰	X ¹	X ²				
4							
5							
6							
7							
8							
9							
10							
11							
12	PTCCH						
13	X ¹	X ²			C(3) ⁰		
14	X ¹	X ²			C(3) ⁰		
15	X ¹	X ²			C(3) ⁰		
16	X ¹	X ²			C(3) ⁰		
17							
18							
19							
20							
21							
22							
23							
24							
25	IDLE			CFCCH ¹			
26	X ¹	X ²			C(6) ⁰		
27	X ¹	X ²			C(6) ⁰		
28	X ¹	X ²			C(6) ⁰		
29	X ¹	X ²			C(6) ⁰		
30							
31							
32							
33							
34							
35							
36							
37							
38	PTCCH						
39	X ¹	X ²			C(9) ⁰		
40	X ¹	X ²			C(9) ⁰		
41	X ¹	X ²			C(9) ⁰		
42	X ¹	X ²			C(9) ⁰		
43							
44							
45							
46							
47							
48							
49							
50							
51	IDLE			CSCH ⁰			

Frames 0-51 of a 208-multiframe							
MFN = 0							
TG = 1							
TS	0	1	2	3	4	5	6
FN	0	1	2	3	4	5	6
0	X ⁰		B(0) ¹	X ²			
1	X ⁰		B(0) ¹	X ²			
2	X ⁰		B(0) ¹	X ²			
3	X ⁰		B(0) ¹	X ²			
4							
5							
6							
7							
8							
9							
10							
11							
12	PTCCH						
13	C(3) ¹	X ²			X ⁰		
14	C(3) ¹	X ²			X ⁰		
15	C(3) ¹	X ²			X ⁰		
16	C(3) ¹	X ²			X ⁰		
17							
18							
19							
20							
21							
22							
23							
24							
25	ID	CFCCH ¹	IDLE				
26	C(6) ¹	X ²			X ⁰		
27	C(6) ¹	X ²			X ⁰		
28	C(6) ¹	X ²			X ⁰		
29	C(6) ¹	X ²			X ⁰		
30							
31							
32							
33							
34							
35							
36							
37							
38	PTCCH						
39	C(9) ¹	X ²			X ⁰		
40	C(9) ¹	X ²			X ⁰		
41	C(9) ¹	X ²			X ⁰		
42	C(9) ¹	X ²			X ⁰		
43							
44							
45							
46							
47							
48							
49							
50							
51	ID	CSCH ¹	IDLE				

Frames 0-51 of a 208-multiframe							
MFN = 0							
TG = 2							
TS	0	1	2	3	4	5	6
FN	0	1	2	3	4	5	6
0	X ⁰	X ¹		B(0) ²			
1	X ⁰	X ¹		B(0) ²			
2	X ⁰	X ¹		B(0) ²			
3	X ⁰	X ¹		B(0) ²			
4							
5							
6							
7							
8							
9							
10							
11							
12	PTCCH						
13	X ¹		C(3) ²				X ⁰
14	X ¹		C(3) ²				X ⁰
15	X ¹		C(3) ²				X ⁰
16	X ¹		C(3) ²				X ⁰
17							
18							
19							
20							
21							
22							
23							
24							
25	IDLE		CFCCH ²	IDLE			
26	X ¹		C(6) ²				X ⁰
27	X ¹		C(6) ²				X ⁰
28	X ¹		C(6) ²				X ⁰
29	X ¹		C(6) ²				X ⁰
30							
31							
32							
33							
34							
35							
36							
37							
38	PTCCH						
39	X ¹		C(9) ²				X ⁰
40	X ¹		C(9) ²				X ⁰
41	X ¹		C(9) ²				X ⁰
42	X ¹		C(9) ²				X ⁰
43							
44							
45							
46							
47							
48							
49							
50							
51	IDLE		CSCH ²	IDLE			

Figure D.2: COMPACT downlink 52-multiframe structure using 3 time groups for nominal cells (based on an assignment of 1 CPBCH and 3 CPCCCHs with NIB_CCCH_0 = NIB_CCCH_1 = NIB_CCCH_2 = 4, NIB_CCCH_3 = 0). NIB_CCCH is not broadcast for serving cell time group.

NOTE: For uplink 52-multiframe structure (based on an assignment of 16 prioritized CPRACHs, see subclause 6.3.2.2.3a), replace B() by R() where R() denotes CPRACH, move down one block, and rotate according to subclause 6.3.2.1. Replace C() by R() and move down one block. CPRACH in general can be mapped as PRACH in Clause 7 Table 6.

Figure D.3: COMPACT downlink 52-multiframe structure using 4 time groups for large cells (based on an assignment of 1 CPBCCCH and 3 CPCCCHs with NIB_CCCH_0 = NIB_CCCH_1 = NIB_CCCH_2 = NIB_CCCH_3 = 4). NIB_CCCH is not broadcast for serving cell time group.

NOTE: For uplink 52-multiframe structure (based on an assignment of 16 prioritized CPRACHs, see subclause 6.3.2.2.3a), replace B () by R () where R () denotes CPRACH, move down one block, and rotate according to subclause 6.3.2.1. Replace C () by R () and move down one block. CPRACH in general can be mapped as PRACH in Clause 7 Table 6.

Frames 0-51 of a 208-multiframe MFN = 0 TG = 0							
TS	0	1	2	3	4	5	6
FN	0	1	2	3	4	5	6
0	X ⁰	B(0) ⁰	X ¹	X ¹	X ²	X ²	X ²
1	X ⁰	B(0) ⁰	X ¹	X ¹	X ²	X ²	X ²
2	X ⁰	B(0) ⁰	X ¹	X ¹	X ²	X ²	X ²
3	X ⁰	B(0) ⁰	X ¹	X ¹	X ²	X ²	X ²
4							
5							
6							
7							
8							
9							
10							
11							
12							
13	X ¹	X ¹	X ²	X ²	X ²	X ²	C(3) ⁰
14	X ¹	X ¹	X ²	X ²	X ²	X ²	C(3) ⁰
15	X ¹	X ¹	X ²	X ²	X ²	X ²	C(3) ⁰
16	X ¹	X ¹	X ²	X ²	X ²	X ²	C(3) ⁰
17							
18							
19							
20							
21							
22							
23							
24							
25							
26	X ¹	X ¹	X ²	X ²	X ²	X ²	C(6) ⁰
27	X ¹	X ¹	X ²	X ²	X ²	X ²	C(6) ⁰
28	X ¹	X ¹	X ²	X ²	X ²	X ²	C(6) ⁰
29	X ¹	X ¹	X ²	X ²	X ²	X ²	C(6) ⁰
30							
31							
32							
33							
34							
35							
36							
37							
38							
39	X ¹	X ¹	X ²	X ²	X ²	X ²	C(9) ⁰
40	X ¹	X ¹	X ²	X ²	X ²	X ²	C(9) ⁰
41	X ¹	X ¹	X ²	X ²	X ²	X ²	C(9) ⁰
42	X ¹	X ¹	X ²	X ²	X ²	X ²	C(9) ⁰
43							
44							
45							
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49							
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51							

Frames 0-51 of a 208-multiframe MFN = 0 TG = 1							
TS	0	1	2	3	4	5	6
FN	0	1	2	3	4	5	6
0	X ⁰	X ⁰	X ¹	B(0) ⁰	X ²	X ²	X ²
1	X ⁰	X ⁰	X ¹	B(0) ⁰	X ²	X ²	X ²
2	X ⁰	X ⁰	X ¹	B(0) ⁰	X ²	X ²	X ²
3	X ⁰	X ⁰	X ¹	B(0) ⁰	X ²	X ²	X ²
4							
5							
6							
7							
8							
9							
10							
11							
12							
13	X ¹	C(3) ¹	X ²	X ²	X ²	X ²	X ²
14	X ¹	C(3) ¹	X ²	X ²	X ²	X ²	X ²
15	X ¹	C(3) ¹	X ²	X ²	X ²	X ²	X ²
16	X ¹	C(3) ¹	X ²	X ²	X ²	X ²	X ²
17							
18							
19							
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21							
22							
23							
24							
25							
26	X ¹	C(6) ¹	X ²	X ²	X ²	X ²	X ²
27	X ¹	C(6) ¹	X ²	X ²	X ²	X ²	X ²
28	X ¹	C(6) ¹	X ²	X ²	X ²	X ²	X ²
29	X ¹	C(6) ¹	X ²	X ²	X ²	X ²	X ²
30							
31							
32							
33							
34							
35							
36							
37							
38							
39	X ¹	C(9) ¹	X ²	X ²	X ²	X ²	X ²
40	X ¹	C(9) ¹	X ²	X ²	X ²	X ²	X ²
41	X ¹	C(9) ¹	X ²	X ²	X ²	X ²	X ²
42	X ¹	C(9) ¹	X ²	X ²	X ²	X ²	X ²
43							
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51							

Frames 0-51 of a 208-multiframe MFN = 0 TG = 2							
TS	0	1	2	3	4	5	6
FN	0	1	2	3	4	5	6
0	X ⁰	X ⁰	X ¹	X ¹	X ²	B(0) ⁰	X ²
1	X ⁰	X ⁰	X ¹	X ¹	X ²	B(0) ⁰	X ²
2	X ⁰	X ⁰	X ¹	X ¹	X ²	B(0) ⁰	X ²
3	X ⁰	X ⁰	X ¹	X ¹	X ²	B(0) ⁰	X ²
4							
5							
6							
7							
8							
9							
10							
11							
12							
13	X ¹	X ¹	X ²	C(3) ²	X ²	X ²	X ²
14	X ¹	X ¹	X ²	C(3) ²	X ²	X ²	X ²
15	X ¹	X ¹	X ²	C(3) ²	X ²	X ²	X ²
16	X ¹	X ¹	X ²	C(3) ²	X ²	X ²	X ²
17							
18							
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22							
23							
24							
25							
26	X ¹	X ¹	X ²	C(6) ²	X ²	X ²	X ²
27	X ¹	X ¹	X ²	C(6) ²	X ²	X ²	X ²
28	X ¹	X ¹	X ²	C(6) ²	X ²	X ²	X ²
29	X ¹	X ¹	X ²	C(6) ²	X ²	X ²	X ²
30							
31							
32							
33							
34							
35							
36							
37							
38							
39	X ¹	X ¹	X ²	C(9) ²	X ²	X ²	X ²
40	X ¹	X ¹	X ²	C(9) ²	X ²	X ²	X ²
41	X ¹	X ¹	X ²	C(9) ²	X ²	X ²	X ²
42	X ¹	X ¹	X ²	C(9) ²	X ²	X ²	X ²
43							
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46							
47							
48							
49							
50							
51							

Figure D.4: COMPACT downlink 52-multiframe structure using 3 time groups for large cells (based on an assignment of 1 CPBCH and 3 CPCCCHs with NIB_CCCH_0 = NIB_CCCH_1 = NIB_CCCH_2 = 4, NIB_CPBCH_3 = 0). NIB_CCCH is not broadcast for serving cell time group.

NOTE: For uplink 52-multiframe structure (based on an assignment of 16 prioritized CPRACHs, see subclause 6.3.2.2.3a), replace B() by R() where R() denotes CPRACH, move down one block, and rotate according to subclause 6.3.2.1. Replace C() by R() and move down one block. CPRACH in general can be mapped as PRACH in Clause 7 Table 6.

Frames 0-51 of a 208-multiframe MFN = 0								Frames 52-103 of a 208-multiframe MFN = 1								Frames 104-155 of a 208-multiframe MFN = 2								Frames 156-207 of a 208-multiframe MFN = 3											
TS	0	1	2	3	4	5	6	7	TS	0	1	2	3	4	5	6	7	TS	0	1	2	3	4	5	6	7	TS	0	1	2	3	4	5	6	7
FN									FN									FN									FN								
0		B(0) ^u		X ¹		X ²		X ³	52		X ¹		X ²		X ³		B(0) ^u	104		X ¹		X ²		B(0) ^u		X ¹	156		X ¹		B(0) ^u		X ¹		
1		B(0) ^u		X ¹		X ²		X ³	53		X ¹		X ²		X ³		B(0) ^u	105		X ¹		X ²		B(0) ^u		X ¹	157		X ¹		B(0) ^u		X ¹		
2		B(0) ^u		X ¹		X ²		X ³	54		X ¹		X ²		X ³		B(0) ^u	106		X ¹		X ²		B(0) ^u		X ¹	158		X ¹		B(0) ^u		X ¹		
3		B(0) ^u		X ¹		X ²		X ³	55		X ¹		X ²		X ³		B(0) ^u	107		X ¹		X ²		B(0) ^u		X ¹	159		X ¹		B(0) ^u		X ¹		
4									56									108									160								
5									57									109									161								
6									58									110									162								
7									59									111									163								
8									60									112									164								
9									61									113									165								
10									62									114									166								
11									63									115									167								
12									64									116									168								
13									65		X ¹		X ²		C(3) ^u		X ¹	117		X ¹		C(3) ^u		X ¹		X ²	169		C(3) ^u		X ¹		X ²		
14									66		X ¹		X ²		C(3) ^u		X ¹	118		X ¹		C(3) ^u		X ¹		X ²	170		C(3) ^u		X ¹		X ²		
15									67		X ¹		X ²		C(3) ^u		X ¹	119		X ¹		C(3) ^u		X ¹		X ²	171		C(3) ^u		X ¹		X ²		
16									68		X ¹		X ²		C(3) ^u		X ¹	120		X ¹		C(3) ^u		X ¹		X ²	172		C(3) ^u		X ¹		X ²		
17									69									121									173								
18									70									122									174								
19									71									123									175								
20									72									124									176								
21									73									125									177								
22									74									126									178								
23									75									127									179								
24									76									128									180								
25									77									129		IDLE		CFCCH ¹		IDLE			181	ID	CFCCH ¹		IDLE				
26									78		X ¹		X ²		C(6) ^u		X ¹	130		X ¹		C(6) ^u		X ¹		X ²	182		C(6) ^u		X ¹		X ²		
27									79		X ¹		X ²		C(6) ^u		X ¹	131		X ¹		C(6) ^u		X ¹		X ²	183		C(6) ^u		X ¹		X ²		
28									80		X ¹		X ²		C(6) ^u		X ¹	132		X ¹		C(6) ^u		X ¹		X ²	184		C(6) ^u		X ¹		X ²		
29									81		X ¹		X ²		C(6) ^u		X ¹	133		X ¹		C(6) ^u		X ¹		X ²	185		C(6) ^u		X ¹		X ²		
30									82									134									186								
31									83									135									187								
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35									87									139									191								
36									88									140									192								
37									89									141									193								
38									90									142									194								
39									91		X ¹		X ²		C(9) ^u		X ¹	143		X ¹		C(9) ^u		X ¹		X ²	195		C(9) ^u		X ¹		X ²		
40									92		X ¹		X ²		C(9) ^u		X ¹	144		X ¹		C(9) ^u		X ¹		X ²	196		C(9) ^u		X ¹		X ²		
41									93		X ¹		X ²		C(9) ^u		X ¹	145		X ¹		C(9) ^u		X ¹		X ²	197		C(9) ^u		X ¹		X ²		
42									94		X ¹		X ²		C(9) ^u		X ¹	146		X ¹		C(9) ^u		X ¹		X ²	198		C(9) ^u		X ¹		X ²		
43									95									147									199								
44									96									148									200								
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46									98									150									202								
47									99									151									203								
48									100									152									204								
49									101									153									205								
50									102									154									206								
51									103									155		IDLE		CSCH ¹		IDLE			207	ID	CSCH ¹		IDLE				

Figure D.5: Example of COMPACT downlink timeslot mapping and rotation of control channels using 4 time groups for nominal cells (based on an assignment of 1 CPBCH and 3 CPCCCHs with NIB_CCCH_0 = NIB_CCCH_1 = NIB_CCCH_2 = NIB_CCCH_3 = 4). TG = 0 is illustrated. NIB_CCCH is not broadcast for serving cell time group.

NOTE: For uplink 52-multiframe structure (based on an assignment of 16 prioritized CPRACHs, see subclause 6.3.2.2.3a), replace B() by R() where R() denotes CPRACH, move down one block, and rotate according to subclause 6.3.2.1. Replace C() by R() and move down one block. CPRACH in general can be mapped as PRACH in Clause 7 Table 6.

Frames 0-51 of a 208-multiframe MFN = 0								Frames 52-103 of a 208-multiframe MFN = 1								Frames 104-155 of a 208-multiframe MFN = 2								Frames 156-207 of a 208-multiframe MFN = 3											
TS	0	1	2	3	4	5	6	7	TS	0	1	2	3	4	5	6	7	TS	0	1	2	3	4	5	6	7	TS	0	1	2	3	4	5	6	7
FN									FN									FN									FN								
0	B(0) ^u	X ¹	X ²						52	X ¹	X ²						B(0) ^u	104	X ¹				B(0) ^u	X ¹		156				B(0) ^u	X ¹	X ²			
1	B(0) ^u	X ¹	X ²						53	X ¹	X ²						B(0) ^u	105	X ²				B(0) ^u	X ¹		157				B(0) ^u	X ¹	X ²			
2	B(0) ^u	X ¹	X ²						54	X ¹	X ²						B(0) ^u	106	X ²				B(0) ^u	X ¹		158				B(0) ^u	X ¹	X ²			
3	B(0) ^u	X ¹	X ²						55	X ¹	X ²						B(0) ^u	107	X ²				B(0) ^u	X ¹		159				B(0) ^u	X ¹	X ²			
4									56									108								160									
5									57									109								161									
6									58									110								162									
7									59									111								163									
8									60									112								164									
9									61									113								165									
10									62									114								166									
11									63									115								167									
12									64									116								168									
13									65									117								169									
14									66									118								170									
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17									69									121								173									
18									70									122								174									
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48									100									152								204									
49									101									153								205									
50									102									154								206									
51									103									155								207									

Figure D.6: Example of COMPACT downlink timeslot mapping and rotation of control channels using 3 time groups for nominal cells (based on an assignment of 1 CPBCCCH and 3 CPCCCHs with NIB_CCCH_0 = NIB_CCCH_1 = NIB_CCCH_2 = 4, NIB_CCCH_3 = 0). TG = 0 is illustrated. NIB_CCCH is not broadcast for serving cell time group.

NOTE: For uplink 52-multiframe structure (based on an assignment of 16 prioritized CPRACHs, see subclause 6.3.2.2.3a), replace B() by R() where R() denotes CPRACH, move down one block, and rotate according to subclause 6.3.2.1. Replace C() by R() and move down one block. CPRACH in general can be mapped as PRACH in Clause 7 Table 6.

Frames 0-51 of a 208-multiframe MFN = 0								Frames 52-103 of a 208-multiframe MFN = 1								Frames 104-155 of a 208-multiframe MFN = 2								Frames 156-207 of a 208-multiframe MFN = 3											
TS FN	0	1	2	3	4	5	6	7	TS FN	0	1	2	3	4	5	6	7	TS FN	0	1	2	3	4	5	6	7	TS FN	0	1	2	3	4	5	6	7
0	B(0) ^u	X ¹	X ²	X ³	X ⁴				52	X ¹	X ²	X ³	X ⁴				B(0) ^u	104	X ²	X ³	B(0) ^u	X ¹				156	X ³	B(0) ^u	X ¹	X ²					
1	B(0) ^u	X ¹	X ²	X ³	X ⁴				53	X ¹	X ²	X ³	X ⁴				B(0) ^u	105	X ²	X ³	B(0) ^u	X ¹				157	X ³	B(0) ^u	X ¹	X ²					
2	B(0) ^u	X ¹	X ²	X ³	X ⁴				54	X ¹	X ²	X ³	X ⁴				B(0) ^u	106	X ²	X ³	B(0) ^u	X ¹				158	X ³	B(0) ^u	X ¹	X ²					
3	B(0) ^u	X ¹	X ²	X ³	X ⁴				55	X ¹	X ²	X ³	X ⁴				B(0) ^u	107	X ²	X ³	B(0) ^u	X ¹				159	X ³	B(0) ^u	X ¹	X ²					
4	X ¹								56								X ¹	108								160	X ³								
5	X ¹								57								X ¹	109								161		X ¹							
6	X ¹								58								X ¹	110								162		X ¹							
7	X ¹								59								X ¹	111								163		X ¹							
8									60									112								164									
9									61									113								165									
10									62									114								166									
11									63									115								167									
12									64									116								168									
13									65									117								169									
14									66									118								170									
15									67									119								171									
16									68									120								172									
17									69									121								173									
18									70									122								174									
19									71									123								175									
20									72									124								176									
21									73									125								177									
22									74									126								178									
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47									99									151								203									
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50									102									154								206									
51									103									155								207									

Figure D.7: Example of COMPACT downlink timeslot mapping and rotation of control channels using 4 time groups for nominal cells (based on an assignment of 1 CPBCCCH and 3 CPCCCHs with NIB_CCCH_0 = NIB_CCCH_2 = NIB_CCCH_3 = 4, NIB_CCCH_1 = 5). TG = 0 is illustrated. NIB_CCCH is not broadcast for serving cell time group.

NOTE: For uplink 52-multiframe structure (based on an assignment of 16 prioritized CPRACHs, see subclause 6.3.2.2.3a), replace B() by R() where R() denotes CPRACH, move down one block, and rotate according to subclause 6.3.2.1. Replace C() by R() and move down one block. CPRACH in general can be mapped as PRACH in Clause 7 Table 6.

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